

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** An Optical Mechanical Assembly (OMA) for use in a portable optical data storage device, comprising a single piece chassis.
2. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 1, further comprising-having mounting means for mounting components of the portable optical storage device thereon.
3. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 2, wherein, said mounting means is a mounting plate for ~~the-a~~ motor shaft of ~~the-a~~ disc spindle motor.
4. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 2, ~~or claim 3~~ wherein, said mounting means is a mounting plate for ~~the-a~~ windings of ~~the-a~~ disc spindle motor.
5. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to~~ 4 wherein, said mounting means is a mounting plate for ~~the-a~~ control circuit of the ~~a~~ disc spindle motor.
6. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 1, 2 to 5 wherein, the chassis is made from metal.
7. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to~~ 6 wherein, said mounting means is ~~the-a~~ mounting plate for ~~the-a~~ sled motor.

8. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to~~ 7 wherein, said mounting means is ~~the~~ a mounting plate for ~~the~~ a drive system.

9. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to~~ 8 wherein said mounting means is ~~the~~ a mounting plate for ~~the~~ a leadscrew.

10. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to~~ 9 wherein, said mounting means is ~~the~~ a mounting plate for a first guide rail.

11. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to~~ 10 wherein said mounting means is a mounting plate, wherein a sled motor is attached to said mounting plate, the sled motor being driven onto ~~the~~ a leadscrew via a gearbox assembly.

12. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 2, ~~to~~ 10 wherein said mounting means is a mounting plate, wherein a sled motor is attached to said mounting plate, the sled motor being driven directly from a stepper motor onto ~~the~~ a leadscrew.

13. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 1 ~~to~~ 12, wherein, a second guide rail is mounted on the chassis, and such that the sled motor that drives~~n~~ from the leadscrew acts on ~~the~~ an optical pickup OPU via this second guide rail via a cam to. This reduces vibrational susceptibility.

14. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 1 ~~to~~ 13, wherein, a plurality of screws are used to allow for OPU tilt adjustment of the optical pickup.

15. **(Currently Amended)** An Optical Mechanical Assembly as claimed in claim 14, wherein, the screws are mounted on both ends of ~~the~~ a first guide rail, and one end of the leadscrew.

16. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, or 15 wherein the plurality of screws comprises ~~there are~~ three screws.

17. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, to 16 wherein, the screws are mounted on both ends of the leadscrew and one end of ~~the~~ a first guide rail.

18. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, to 17 wherein, the screws are mounted on both ends of at least one of at ~~the~~ first guide rail ~~or~~ and the second guide rails, and one end of at least one of the first guide rail and the second guide rail ~~the other~~ to allow for optical pickup OPU tilt adjustment.

19. **(Currently Amended)** An Optical Mechanical Assembly as claimed in ~~any one~~ of claims 14, to 18 wherein, the screws are spring mounted.